Amendments to the Specification

Please replace paragraph [0067] with the following amended paragraph:

[0067] FIG. 1 shows schematically a known sensor-supporting element [[1]] 1A assembled from strip segments 2 which are provided in the form of runners which are twisted around the longitudinal axis of the sensor-supporting element 1 and extend at an acute angle to the middle axis 3 of the sensor-supporting element 1. Bores 4 for receiving sensors are provided in the strip segments 2. At its front side, the sensor-supporting element 1 comprises a conical-tapering strip section 5. The strip segments 2 are screwed to each other by means of a flange 6. In central position on the flange 6, a coupling part 7 is provided which serves for connection to other scraper-type device elements and preferably is provided in the form of a cardan joint.

Please replace paragraph [0069] with the following amended paragraph:

[0069] FIG. 2 shows schematically another known sensor-supporting element [[1]] 1B, which comprises two sequentially arranged segment rings 8, which are assembled from strip segments 2, which are aligned parallel to the direction of motion and connected to each other by means of a rigid axis 9. Bores 4 for receiving sensors are provided in the strip segments 2. The strip segments 2 are connected at the conical-tapering strip sections 5 by means of a flange 6. Axis 9 bears cuffs 10 for guidance and a coupling part 7 for connecting to other scraper-type device elements at its ends and at its front side, respectively.

Please replace paragraph [0071] with the following amended paragraph:

[0071] Complementing FIG. 3, FIG. 4 shows a perspective view of a segment 15 according to the invention with two sequentially arranged pairs of runners (i.e., a first pair of runners 16a~~,~~ arranged sequentially with a second a second pair of runners 16b), which are connected by two converging elastic interim segments 17. As shown in FIG. 4, the first pair of runner

16a consists of runners 19a and 19b, and the second pair of runner 16a consists of runners 19c and 19d. At the front side in the direction of motion of the scraper-type device, the segment 15 is provided in the form of a truncated cone envelope as conical segment section 18. At its front side, conical-tapering segment section 18 is angled suitably to allow a flange to be connected.

Please replace paragraph [0079] with the following amended paragraph:

[0079] FIG. 10 shows a section along the line, A-A', of the sensor-supporting element 11 according to the invention shown in FIG. 9. Similar to other figures, the pipeline 13, whose internal wall corresponds to the cylindrical envelope surface of the sensor-supporting element 11, is shown only in one half of the figure for purposes of clarity. The support plates 20, which are ~~attached between the pairs of runners 16 and are~~ fitted with sensors 21, are attached between one runner ~~19~~ of ~~a~~ one pair of runners ~~16~~ and ~~the~~ a neighboring runner ~~19~~ of a neighboring pair of runners ~~16~~. For example, as illustrated in FIG. 20, runners 19w and 19x form a pair of runners and runners 19y and 19z form a pair of runners that neighbor runners 19w and 19x, and support plate 20a is attached between runners 19x and 19y. Between the support plates 20, U-shaped spring plates 25 are attached with screws to the lateral surfaces of the support plates. The spring plates 25 effect pretensioning of the sensor-supporting element 11 such that the runners 19 firmly touch the internal pipe wall of the pipeline 13.

Please replace paragraph [0085] with the following amended paragraph:

[0085] FIG. 17 shows a perspective view of a segment 15 according to the invention of FIG. 15 with four sequentially arranged parallel pairs of runners 16a, 16b, 16c, 16d, whereby support plates 20 for sensors 21 are attached between the first pair of runners 16a and between the fourth pair of runners 16d. As shown in FIG. 17, the third pair of runners 16c consists of runner 19e and 19f; and the fourth pair of runners 16d consists of runner 19g and 19h. One support plate 20 each is attached to each runner 19 of the second and the third pair

of runners 16b, 16c and can be connected to a runner of the neighboring segment. The first and the second pair of runners 16a, 16b are connected by means of converging interim elements 17, the second and the third pair of runners 16b, 16c are connected by means of parallel interim elements 17, and the third and the fourth pair of runners 16c, 16d are connected by means of diverging interim elements 17, whereby all said interim elements 17 engage the runners 19 at an angle.

Please replace paragraph [0088] with the following amended paragraph:

[0088] FIG. 21 shows another advantageous embodiment of a segment 15 according to the invention, which is provided to have special stability with regard to strong pulling forces. It comprises three sequentially arranged pairs of runners 16a, 16b, 16c with two parallel runners 19 each. For example, the pair of runners 16c consists of runners 19e and 19f. The segment 15 is provided to be conical-tapering at its front side.